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DIRECTORATE OF  
INTELLIGENCE

## *Imagery Analysis Service Notes*

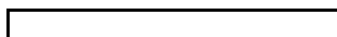
19 June 1970

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CENTRAL INTELLIGENCE AGENCY  
Directorate of Intelligence  
Imagery Analysis Service

IMAGERY ANALYSIS SERVICE NOTES NO. 17/70

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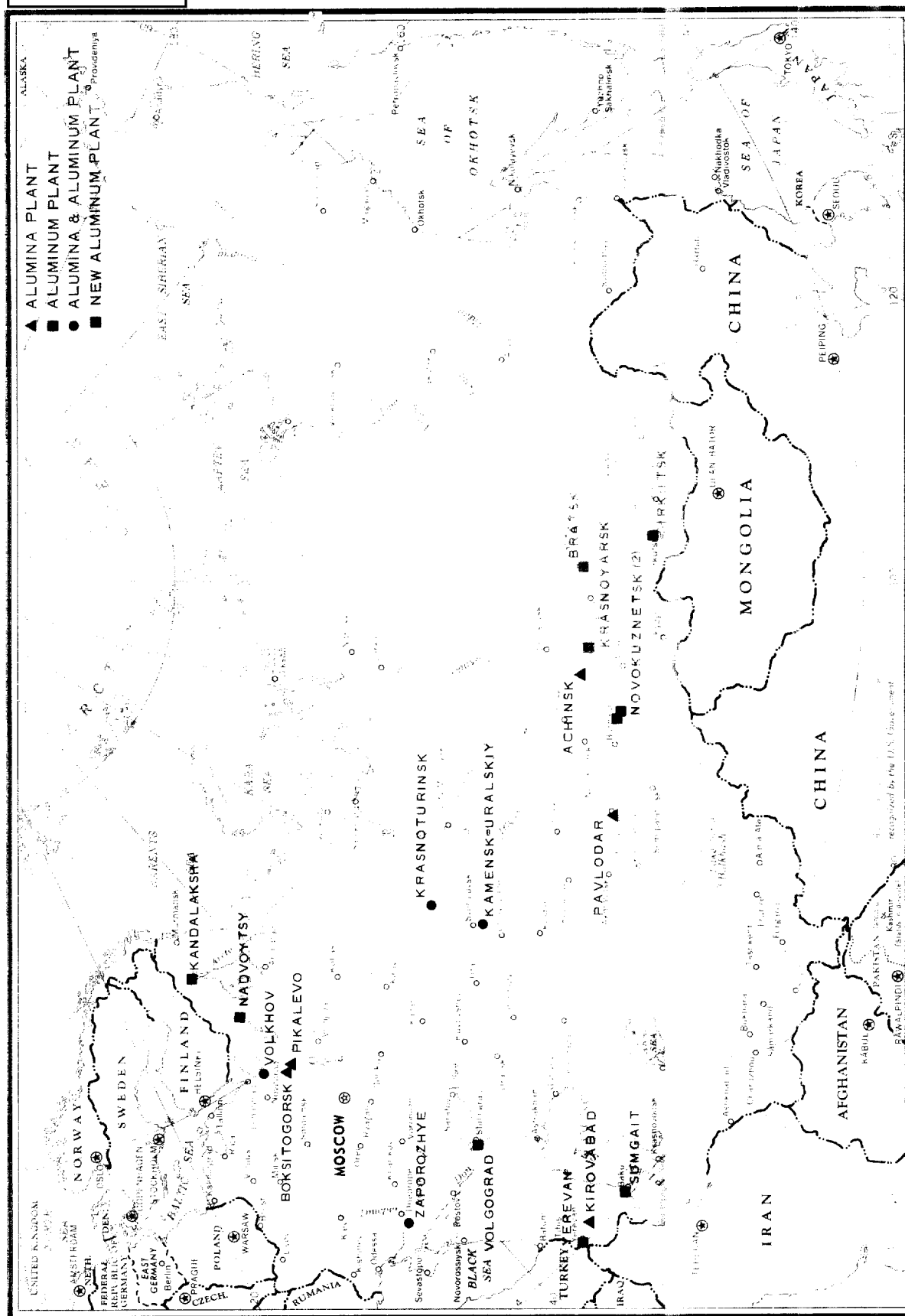


FIGURE 1. LOCATIONS OF ALUMINUM AND ALUMINA PLANTS, USSR

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USSR

Aluminum Industry Expanded

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A photographic study shows that the Soviet aluminum industry has expanded considerably [redacted] mainly in south-central Siberia.

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[redacted] the Soviets had 11 aluminum plants in operation. Photography [redacted] shows that new aluminum plants have been put into operation at Bratsk, Krasnoyarsk and Irkutsk (see Figure 1). A total of 24 potrooms are operating at the three new plants and eight additional potrooms are actively under construction. Based on the size of the new plants as determined from photography, when completed they will be capable of producing more aluminum than all the other plants combined. Their production capacity may be even larger, as Soviet reports indicate that electrolytic cells of a higher amperage are being used.

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[redacted] new alumina plants have been put into operation at Achinsk and Pavlodar, also in south-central Siberia. These two plants appear designed to process low-grade aluminum ores.

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NORTH VIETNAMIron Production Resumed at Thai Nguyen Combine

For the first time since the Thai Nguyen Iron and Steel Combine was put out of operation by bombing in mid-1967, the North Vietnamese have restored one of the damaged blast furnaces to operational status. On

[REDACTED] smoke was emanating from one of the three blast furnaces in the iron production area, indicating that the plant was operating. There was no evidence that the other blast furnaces or the open-hearth furnaces are operational.

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Since [REDACTED] one of the large fabrication buildings has been partially reconstructed, a pipeline has been installed between the blast furnaces and the coke by-products section, and the substation has apparently been repaired with the transformers probably replaced.

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